

DAMAGE SURVEY REPORT (DSR)
Emergency Watershed Protection Program – Recovery

Section 1A

Date of Report: July 11, 2006

DSR Number: DSR-063-05-001K

Project Number: _____

NRCS Entry Only

Eligible: YES X NO _____
Approved: YES X NO _____
Funding Priority Number (from Section 4) 3e
Limited Resource Area: YES _____ NO X

Section 1B Sponsor Information

Sponsor Name: Livingston Parish

Address: P.O. Box 427

City/State/Zip: Livingston, LA 70754

Telephone Number: 225-686-2266

Fax: 225-665-9779

EXPANDED AUTHORITY!
SAFETY ISSUE
SEE 6 OF 14
SEE 2G.

Section 1C Site Location Information

County: Livingston

State: Louisiana

Congressional District: 06

Latitude: DS-30.3647
US-30.3758

Longitude: DS-90.6002
US-90.6520

Section: 16, 21 46, 26, 35, 36, 37 Township: 7S Range: 7 E

UTM Coordinates:

Drainage Name: _____ Reach: Tickfaw River

Damage Description: Trees are blocking the channel from larger boat use such as pontoon boats.

Section 1D Site Evaluation

All answers in this Section must be YES in order to be eligible for EWP assistance.

Site Eligibility	YES	NO	Remarks
Damage was a result of a natural disaster?*	X		
Recovery measures would be for runoff retardation or soil erosion prevention?*	X		
Threat to life and/or property?*	X		
Event caused a sudden impairment in the watershed?*	X		
Imminent threat was created by this event?**	X		
For structural repairs, not repaired twice within ten years?***	X		
Site Defensibility			
Economic, environmental, and social documentation adequate to warrant action? (Go to pages 3, 4, 5 and 6 ***)			
Proposed action technically viable? (Go to Page 9 ***)			

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP program and its possible effects? YES X NO _____

Comments: _____

* Statutory

** Regulation

*** DSR Pages 3 through 6 and 9 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages. 1 of 14

Approved 7/2005

DSR NO: DSR-063-05-001K

Section 1E Proposed Action

Describe the preferred alternative from Findings: Section 5 A:

Total installation cost identified in this DSR: Section 3: \$ _____

Section 1F NRCS State Office Review and Approval

Reviewed By: _____

State EWP Program Manager

Date Reviewed: 8/21/06

Approved By: _____

State Conservationist

Date Approved: 8/27/06

PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95-334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief or NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies. IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

USDA NONDISCRIMINATION STATEMENT

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.)

Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination write USDA, Director of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call (800)795-3272 (voice) or (202)720-6382 (TDD). USDA is an equal opportunity provider and employer.

Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

Section 2 Environmental Evaluation

2A Resource Concerns	2B Existing Condition	2C Alternatives and Effects		
		Proposed Action	No Action	Alternative
		Remove and dispose debris and large tress from the within the channel using a barge with a trackhoe.	Leave all debris and large debris in the channel.	Remove and dispose debris and large tress from the channel using only one side of the channel for access.
		2D Effects of Alternatives		
Soil				
Bank Erosion	Disturbed soils from bank, tree falls, and uprooting 20 T/ac.	Removal of debris will allow revegetate. And reduce soil loss to 5 T/ac.	Potential for further damage from debris 20 T/ac.	Revegetate./reduce soil loss to 10 T/ac.
Soil Quality	Soil quality reduced.	Soil quality improved.	Soil quality reduced.	Soil quality improved.
Surface Disturbance	Existing surface disturbance in the form of tree roots upended.	Removal of downed trees will reduce the disturbance after the area is seeded.	Existing disturbances would revegetate after an extended period of time.	Working both sides of the channel will result in more disturbances.
Water				
Dissolved Oxygen	Low DO from the decreased water flow.	Remove debris/increase flow/increase DO.	Blockage of flow/low DO.	Remove debris/increase flow/increase DO.
BOD	High BOD from debris decomposition.	Improved BOD by removing the debris.	High BOD from debris decomposition.	Improved BOD by removing the debris.
Overall Stream Health	SVAP = 6.4.	SVAP = 6.7.	SVAP = 6.4.	SVAP = 6.7.
Air				
Particular matter/dust	No effect.	Slight temporary increase.	No effect.	Slight temporary increase. Increase higher than proposed action.
Particulate Matter	No particulate matter.	Short term impact from the use of clearing equipment.	No particulate matter.	Short term impact from the use of clearing equipment. Larger impact than the preferred action.
Plant				
Riparian Vegetation.	Excess debris potential for damage.	Debris removal will increase growth potential.	Continued growth limitation.	Debris removal will increase growth potential.
Sensitive species.	None present in the area.	None present in the area.	None present in the area.	None present in the area.
Animal				
Aquatic habitat.	Impaired food web quality.	Quality increased because of decrease in BOD.	Quality reduced because of high BOD.	Quality increased because of decrease in BOD.
Upland habitat.	Damaged due to debris.	Slight increase due to low damage.	Slight increase with time.	Slightly higher increase with increased damage resulting from increased amount of access.
Other				
Aesthetics	Poor due to clutter.	Improved by debris removal.	Poor due to clutter.	Improved by debris removal.

Section 2E Special Environmental Concerns

Resource Consideration	Existing Condition	Alternatives and Effects		
		Proposed Action	No Action	Alternative
Clean Water Act Waters of the U.S.	CWA Jurisdiction Debris affecting water flow and quality.	Improve water quality; CWA permit required.	Decrease water quality; increase blockage/clutter. Debris affecting water quality.	Improve water quality; short term increase in damage; CWA permit required.
Coastal Zone Management Areas	Project is located south of I-12.	Project is located within the coastal zone. Consistency Authorization required.	Project is located south of I-12.	Project is located within the coastal zone. Consistency Authorization required.
Coral Reefs	N/A	N/A	N/A	N/A
Cultural Resources	(FOTG II) None observed on site. Cross reference with state archeologist.	(FOTG II) None observed on site. Cross reference with state archeologist.	(FOTG II) None observed on site. Cross reference with state archeologist.	(FOTG II) None observed on site. Cross reference with state archeologist.
Endangered and Threatened Species	(FOTG II) 4 species known in parish and 1 species possible.	(FOTG II) Species will be unaffected by proposed action.	(FOTG II) 4 species known in parish and 1 species possible.	(FOTG II) Species will be unaffected by proposed action
Environmental Justice	N/A	N/A	N/A	N/A
Essential Fish Habitat	No EFH - reference NOAA fisheries.	N/A	N/A	N/A
Fish and Wildlife Coordination	No coordination with USFWS would be necessary for debris removal.	No coordination with USFWS would be necessary for debris removal.	No coordination with USFWS would be necessary.	No coordination with USFWS would be necessary for debris removal.
Floodplain Management	Located in the 100-year floodplain. Potential impairment of function.	Site located in the 100-year floodplain restored to pre-storm condition.	Located in the 100-year floodplain. Potential impairment of function.	Site located in the 100-year floodplain restored to pre-storm condition.
Invasive Species	Mimosa, Japanese Climbing Fern noted in Project Area.	Disturbance of banks and vegetation removal may increase spread of invasive species.	No effect.	Disturbance of banks and vegetation removal may increase spread of invasive species.
Migratory Birds	Exceptional migratory habitat adjacent to channel.	Habitat adjacent to channel will be left unharmed during removal.	Exceptional migratory habitat adjacent to channel.	Habitat adjacent to channel will be left unharmed during removal.
Natural Areas	(FOTG II) None present.	(FOTG II) None present.	(FOTG II) None present.	(FOTG II) None present.
Prime and Unique Farmlands	(FOTG II) None noted adjacent to project area.	(FOTG II) None noted adjacent to project area.	(FOTG II) None noted adjacent to project area.	(FOTG II) None noted adjacent to project area.
Riparian Areas	Hardwood forest with many downed trees adjacent to channel.	Removal of downed trees would accelerate the healing of the riparian area.	Downed trees would decompose and semi-natural habitat would return over time.	Removal of downed trees would accelerate the healing of the riparian area.
Scenic Beauty	(FOTG II) None Present	(FOTG II) None Present	(FOTG II) None Present	(FOTG II) None Present
Wetlands	Forested wetlands associated with project area.	Action would retain wetland functions and values by restoring natural flow regime.	Forested wetlands associated with project area.	Action would retain wetland functions and values by restoring natural flow regime.
Wild and Scenic Rivers	LDWF scenic streams list and (FOTG II). Tickfaw River is listed.	Scenic Streams Permit Required.	LDWF scenic streams list and (FOTG II). Tickfaw River is listed.	Scenic Streams Permit Required.

Completed By: Kris Davis Date: 7/13/06

DSR NO DSR-063-05-001K:

Section 2F Economic

This section must be completed by each alternative considered (attach additional sheets as necessary).

	Future Damages (\$)	Damage Factor (%)	Near Term Damage Reduction
Properties Protected (Private)			
10 homes @ 150,000.00 each	1,500,000.00	25	375,000.00
14 homes @ 200,000.00 each	2,800,000.00	25	700,000.00
1 home @ 500,000.00	500,000.00	25	125,000.00
Properties Protected (Public)			
300 X 30 cement deck	450,000.00	10	45,000.00
14 cabins X 50,000.00 each	700,000.00	25	175,000.00
Business Losses			
Other			
Total Near Damage Reduction			1,420,000.00
Net Benefit (Total Near Damage Reduction Minus Cost From Section 3)			

Completed By: Jeremy Bennett DC

Date: July 13, 2006

Section 2G Social Consideration

This section must be completed by each alternative considered (attach additional sheets as necessary).

	YES	NO	Remarks
Has there been a loss of life as a result of the watershed impairment?		X	
Is there the potential for loss of life due to damages from the watershed impairment?	X		
Has access to a hospital or medical facility been impaired by watershed impairment?		X	
Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)	X		Debris in the channel has blocked the boat traffic.
Is there a lack or has there been a reduction of public safety due to watershed impairment?	X		Boating safety has been severely adversely affected.

Completed By: Jeremy Bennett DCDate: July 11, 2006

Section 2H Group Representation and Disability Information**This section is completed only for the preferred alternative selected.**

Group Representation	Number
American Indian/Alaska Native Female Hispanic	
American Indian/Alaska Native Female Non-Hispanic	
American Indian/Alaska Native Male Hispanic	
American Indian/Alaska Native Male Non-Hispanic	
Asian Female Hispanic	
Asian Female Non-Hispanic	
Asian Male Hispanic	
Asian Male Non-Hispanic	
Black or African American Female Hispanic	702
Black or African American Female Non-Hispanic	
Black or African American Male Hispanic	
Black or African American Male Non-Hispanic	701
Hawaiian Native/Pacific Islander Female Hispanic	
Hawaiian Native/Pacific Islander Female Non-Hispanic	
Hawaiian Native/Pacific Islander Male Hispanic	
Hawaiian Native/Pacific Islander Male Non-Hispanic	
White Female Hispanic	
White Female Non-Hispanic	814
White Male Hispanic	1
White Male Non-Hispanic	814
Total Group	3,032

Census tract(s) US 2000 Census Quick Facts Livingston ParishCompleted By: Jeremy Bennett DC Date: July 11, 2006

Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

Access permission will be required.

CWA permit prior to construction in channel is needed. (COE)

Water Quality Certification is needed. (DEQ)

Scenic Stream Permit Required (LDWF)

Consistency Authorization Required (LDNR-CMD)

Mitigation Description:

- Removal will be done in consecutive days to minimize impacts to local wildlife.
- If any archaeological or cultural remains are located, contact the NRCS state archaeologist immediately and cease work in that area.
- Only storm related debris shall be removed from the Tickfaw River.
- Disturbed areas will be seeded to an approved native seed mix (FOTG Sec. IV – Critical Area Planting NRCS LA – Standard 342).
- All small to medium sized debris shall be chipped onsite and spread out of the natural floodplain. All large debris shall be hauled off and deposited into an approved landfill.

Agencies, persons, and references consulted, or to be consulted:

U.S. Army Corps of Engineers

LDWF

Livingston Parish

LDNR-CMD

Private Landowners

LDEQ

Section 4 NRCS EWP Funding Priority

Complete the following section to compute the funding priority for the recovery measures in this application (see instructions on page 10).

Priority Ranking Criteria	Yes	No		Ranking Number Plus Modifier
1. Is this an exigency situation?		x		3e
2. Is this a site where there is serious, but not immediate threat to human life?		x		
3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?	x			
4. Is this site a funding priority established by the NRCS Chief?		x		
The following are modifiers for the above criteria			Modifier	
a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?				
b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?				
c. Will the proposed action or alternatives protect or conserve prime or important farmland?				
d. Will the proposed action or alternatives protect or conserve existing wetlands?				
e. Will the proposed action or alternatives maintain or improve current water quality conditions?			X	
f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats?				

Enter priority computation in Section 1A, NRCS Entry, Funding priority number.

Remarks:

Section 5A Findings

Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1E):

I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative:

 x Has been sufficiently analyzed in the EWP PEIS (reference all that apply)
Chapter 5.2.2.1.2
Chapter
Chapter
Chapter
Chapter

 May require the preparation of an environmental assessment or environmental impact statement.
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

Title: David Conner

Date: 8/17/06

Section 5B Comments:**Section 5C**

Sponsor Concurrence: _____

Sponsor Representative

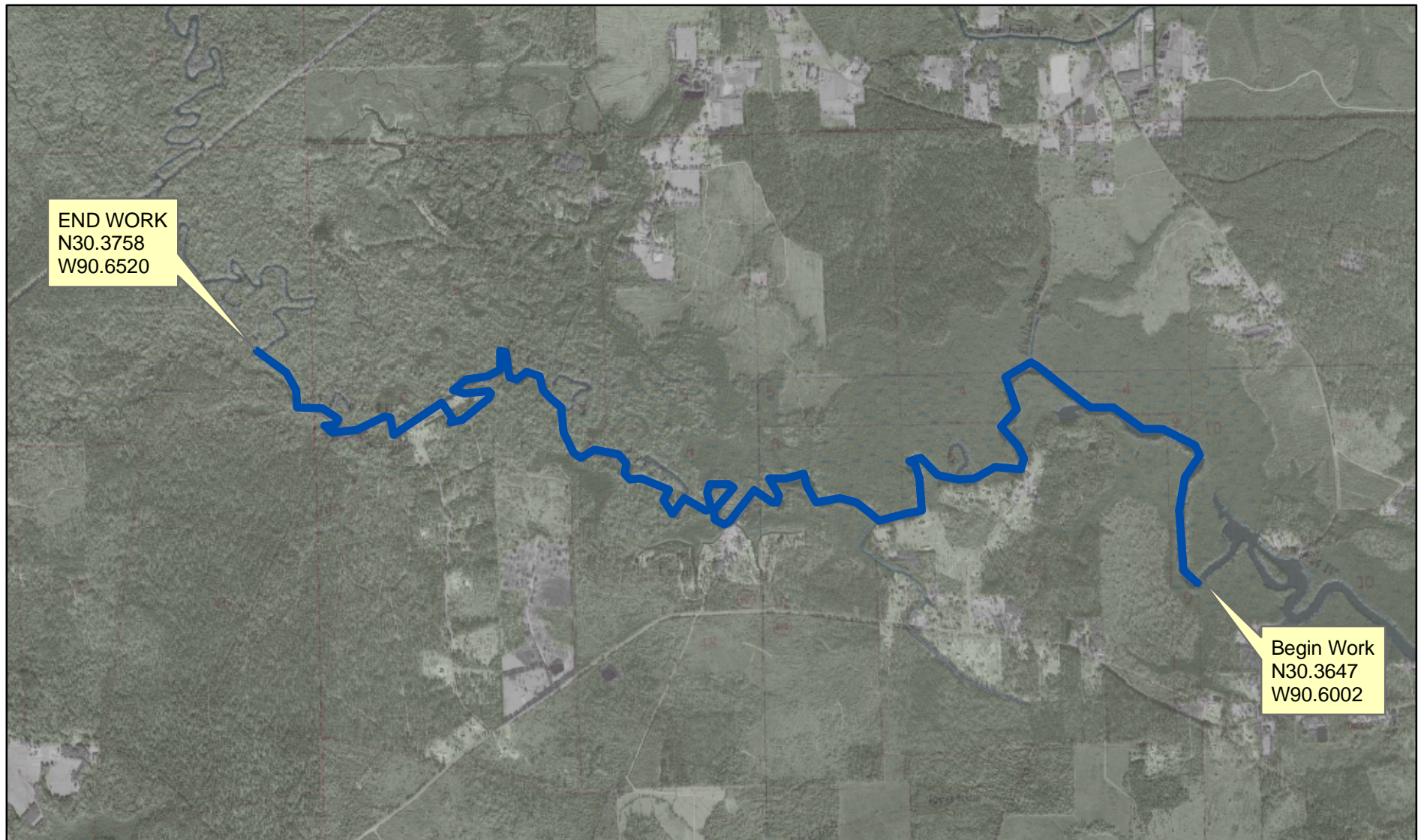
Title: Mike Sumner

Date: 8/17/06

Section 6 Attachments:

- A. Location Map
- B. Site Plan or Sketches
- C. Other (explain)

**PERMIT MAP OF TICKFAW RIVER
DSR 063-05-001K
LIVINGSTON PARISH**



— Tickfaw River

**Topo Quads: Frost SE, Whitehall NE, Springfield SW, Killian NW
Sections 16, 21, 46, 26, 35, 36, 37
Township 7S
Range 7E**